

FlexiPump®

Dispensing pumps for culture media preparation

Now dispensing is easy



interscience

Fast liquid dispensing

FlexiPump® is a range of peristaltic pumps for culture media preparation. Use it for serial dispensing of culture media (e.g.: 9 mL in tube), agar (e.g.: 18 mL in Petri) or any liquid diluent (e.g.: 90 mL or 225 mL in bottle or blender bag).

Compact, it has an intuitive interface and great ergonomics. Its speed and precision guarantee efficiency for your sample preparation.

Available in 2 models:

- **FlexiPump®** with the essential functions
- **FlexiPump® Pro** for high-performance dispensing

Designed for microbiologists

- Select from 3 dispensing modes:
 - Continuous
 - Dose (predetermined volume)
 - Multi-dose (predetermined volume, with an adjustable pause between each dose)
- 32 editable programs
- Rotating button for easy navigation
- Compact: only 16 cm wide

Precise flow control

- Up to 1% precision
- Dispenses liquid from 50 µL to 99 L
- Contamination free: dispensing assembly is entirely autoclavable with bottle
- In compliance with ISO 6887-1 and ISO 7218 standards
- Anti drop system

Simple calibration

- Step-by-step instructions on screen
- Calibration possible with chosen volume
- Can be done quickly by anyone in the lab

Easy dispensing

- Improved dispensing control with the handy gun and the adjustable arm
- Serial dispensing of:



Culture media

E.g.: 9 mL
in test tube



Agar

E.g.: 18 mL
in Petri dish



Any liquid diluent

E.g.: 90 mL
or 225 mL
in bottle or blender bag

Maintenance free

- Heavy duty polycarbonate top shell and durable stainless steel
- Powerful stepping motor with no wearing parts
- High quality Watson Marlow™ pump heads

Accessories & technical specifications



Handy gun

For high precision work and comfortable tube handling.

Ref 561 001



Adjustable dispensing arm

For dispensing in any type of container.

Ref 561 002



Foot pedal

For hand-free operation. Connection with a Jack 3.5 mm.

Ref 507 008



PetriPile® 90

Ensure safe handling, transport and storing. Up to 36 Petri dishes. Also available in 55, 65 and 150 mm.

Ref 241 090



Thermal printer* RS232

Prints dispensing and calibration data (time, date, operator's name). (paper 521 110 - sticker 521 012)

Ref 521 000



Independent double bag stand

For easy storage of 2.5 L ready-to-use broth bags.

Ref 513 015



Trocar for broth bags

Allows to connect easily the broth bags to the tubing.

Ref 513 020

*Only available on **FlexiPump® Pro**

FlexiPump® is delivered with 1 high quality peristaltic Watson Marlow™ pump head, 1 dispensing assembly (nozzle + GL 45 bottle connector + filter + tubing + tube weight) with Silicone (Tygon™ and Versilic™) tubing: 3.2 mm internal diameter, user's manual, power cord, free sterile pack of BagPage® and BagFilter® filter bags.

FlexiPump® Pro is delivered with 2 high quality peristaltic Watson Marlow™ pump heads, 2 dispensing assemblies (nozzle + GL 45 bottle connector + filter + tubing + tube weight + "Y" connector) with Silicone (Tygon™ and Versilic™) tubing: 3.2 mm and 6.4 mm internal diameter, user's manual, power cord, USB cable, free sterile pack of BagPage® and BagFilter® filter bags.



Reference	561 000	562 000
Dose volume	50 µL to 99 L	
Dispensing modes	Continuous - Dose - Multi-dose	
Multi-dose pause	Adjustable from 0.1 to 99.9 s	
Watson Marlow™ pump	Single pump head	Low pulsation double pump head
Typical precision with 3.2 mm ID tube	9 mL: 1.8 % - 18 mL: 1 % - 225 mL: 0.5 %	9 mL: 0.9 % - 18 mL: 0.5 % - 225 mL: 0.4 %
Delivered with (tubing inner diameter)	3.2 mm dispensing assemblies	3.2 mm and 6.4 mm dispensing assemblies
Flow rates	1.5 mL/min. to 1.25 L/min.	3 mL/min. to 2.5 L/min.
Traceability	-	USB, RS 232 connectors
Data export	-	Excel™, LIMS
Rotation per minute	10 to 550 rpm	
Tubing inner diameter	From 1 to 8 mm only	
Tubing wall thickness	1.6 mm only	
Tubings made from	Tygon™ for pump head and Versilic™	
Dimensions (w x d x h)	16 x 28 x 21 cm	16 x 34 x 21 cm
Weight	5.5 kg	5.8 kg
Input voltage	100-240 V~ 50-60 Hz	
Inner diameter of optional tubings	1.6 mm, 3.2 mm, 4.8 mm, 6.4 mm, 8 mm	
All stainless steel	✓	
Made in France	✓	



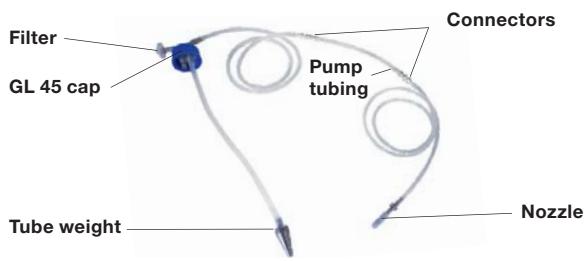
Tubing details

FlexiPump®

Complete dispensing assembly

Sold by

Ref 561 101	Dispensing assembly inner ø 1.6 mm	1
Ref 561 102	Dispensing assembly inner ø 3.2 mm	1
Ref 561 103	Dispensing assembly inner ø 4.8 mm	1
Ref 561 104	Dispensing assembly inner ø 6.4 mm	1
Ref 561 105	Dispensing assembly inner ø 8 mm	1



Silicone tubing

Sold by

Ref 561 201	Silicone tubing inner ø 1.6 mm	5
Ref 561 202	Silicone tubing inner ø 3.2 mm	5
Ref 561 203	Silicone tubing inner ø 4.8 mm	5
Ref 561 204	Silicone tubing inner ø 6.4 mm	5
Ref 561 205	Silicone tubing inner ø 8 mm	5



Silicone tubes for pump head

Sold by

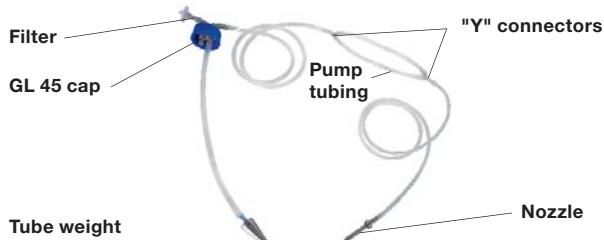
Ref 561 301	Silicone tubes for pump inner ø 1.6 mm	5
Ref 561 302	Silicone tubes for pump inner ø 3.2 mm	5
Ref 513 011	Silicone tubes for pump inner ø 4.8 mm	5
Ref 561 304	Silicone tubes for pump inner ø 6.4 mm	5
Ref 561 305	Silicone tubes for pump inner ø 8 mm	5

FlexiPump® Pro

Complete dispensing assembly

Sold by

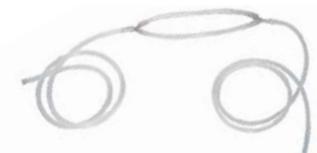
Ref 562 101	Dispensing assembly inner ø 1.6 mm + "Y" connectors.....	1
Ref 562 102	Dispensing assembly inner ø 3.2 mm + "Y" connectors.....	1
Ref 562 103	Dispensing assembly inner ø 4.8 mm + "Y" connectors.....	1
Ref 562 104	Dispensing assembly inner ø 6.4 mm + "Y" connectors.....	1
Ref 562 105	Dispensing assembly inner ø 8 mm + "Y" connectors.....	1



Silicone tubing + "Y" connectors

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Ref 562 201	Silicone tubing inner ø 1.6 mm + "Y" connectors.....	5
Ref 562 202	Silicone tubing inner ø 3.2 mm + "Y" connectors.....	5
Ref 562 203	Silicone tubing inner ø 4.8 mm + "Y" connectors.....	5
Ref 562 204	Silicone tubing inner ø 6.4 mm + "Y" connectors.....	5
Ref 562 205	Silicone tubing inner ø 8 mm + "Y" connectors.....	5



Silicone tubes for pump head

Sold by

Ref 561 301	Silicone tubes for pump inner ø 1.6 mm	5
Ref 561 302	Silicone tubes for pump inner ø 3.2 mm	5
Ref 513 011	Silicone tubes for pump inner ø 4.8 mm	5
Ref 561 304	Silicone tubes for pump inner ø 6.4 mm	5
Ref 561 305	Silicone tubes for pump inner ø 8 mm	5



The dispensing assembly is **entirely autoclavable** with a bottle for contamination-free dispensing.

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